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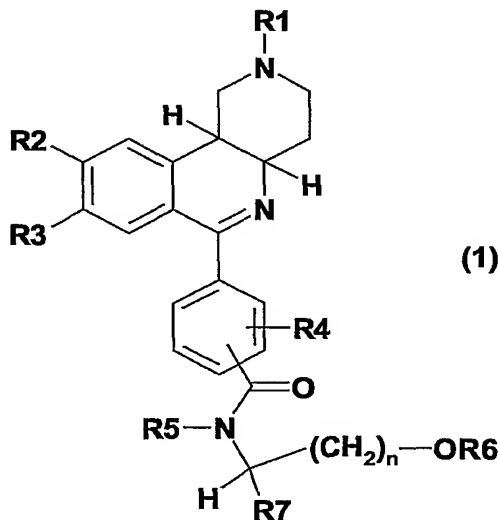
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(54) Title: NOVEL N-(ALKOXYALKYL) CARBAMOYL - SUBSTITUTED 6-PHENYL-BENZONAPHTHYRIDINE DERIVATIVES AND THEIR USE AS PDE3/4 INHIBITORS



(57) Abstract: Compounds of formula (1), in which R1 is 1-4C-alkyl, R2 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine, R3 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or 1-4C-alkoxy which is completely or predominantly substituted by fluorine, or in which R2 and R3 together are a 1-2C-alkylenedioxy group, R4 is hydrogen, halogen, nitro, 1-4C-alkyl, trifluoromethyl or 1-4C-alkoxy, R5 is hydrogen, 1-8C-alkyl, 3-7C-cycloalkyl or phenyl-1-4C-alkyl, R6 is 1-4C-alkyl, phenyl-1-4C-alkyl, or Aryl-1-4C-alkyl, in which Aryl is R61 - and/or R62-substituted phenyl, in which R61 is 1-4C-alkoxy, trifluoromethyl or cyano, R62 is 1-4C-alkoxy, and in which either R7 is 1-4C-alkyl, and n is 1 or 2, or R7 is hydrogen, and n is 1, 2 or 3, the salts, the N-oxides of these compounds and the salts of the latter are novel effective PDE3/4 inhibitors.



AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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